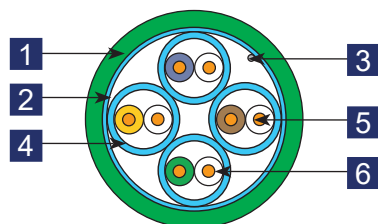


CABLE CAT6A FFTP LSZH B2CA 1X4P



- | | | | |
|---|-----------------------------------|---|---------------|
| 1 | Gaine extérieure | 5 | Fil de cuivre |
| 2 | Blindage général | 6 | Isolant |
| 3 | Fil de continuité | | |
| 4 | Écran individuel sur chaque paire | | |

Caractéristiques

- Gaine sans halogène (LSZH)
- FFTP = Blindage général + écrans Individuels
- Conçus pour les applications 10 Gigabit et permettent de supporter des fréquences allant jusqu'à 500 MHz.
- Conçus pour les applications : IEEE 802.3an: 10Base-T; 100Base-TX; 1000Base-T; 10GBase-T
IEEE 802.5 16 MB; ISDN; TPDDI; ATM
IEEE 802.3af-2002: POE; IEEE802.3at:PO E+; IEEE 802.3bt:POE+ +;UPOE
- Normes : ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
EN 50173-1:2018 / EN 50173-2:2018
IEC 61156-5:2020(Ed. 3.0);EN50288-10-1:2012
TIA-568.2-D:2018

Catégorie	Gaine	Paires	Type	Couleur	Conditionnement	Référence
CAT6A	LSZH	1x4	FFTP - B2CA	Vert	Touret 500m	6770
					Touret 410m	6771
					Couronne 90m	6772
					Couronne 100m	6773

CABLE CAT6A FFTP LSZH B2CA 1X4P

F-FTP Cat 6A LSZH (B2ca)



Revision History

Date:	2025/04/21
Approved by:	Page: 1/1

Product Code: F-FTP Cat 6A LSZH (B2ca)

Product Description

Application:

Primary (Campus), Secondary (Riser), Tertiary (Horizontal)
IEEE 802.3an: 10Base-T; 100Base-TX; 1000Base-T; 10GBase-T
IEEE 802.5 16 MB; ISDN; TPDDI; ATM
IEEE 802.3af-2002: POE; IEEE802.3at:POE+; IEEE802.3bt: POE+ +;UPOE

Reference Standard

ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
EN 50173-1:2018 / EN 50173-2:2018
IEC 61156-5:2020(Ed. 3.0);EN50288-10-1:2012
TIA-568.2-D:2018

Multi-construction

4 Pair

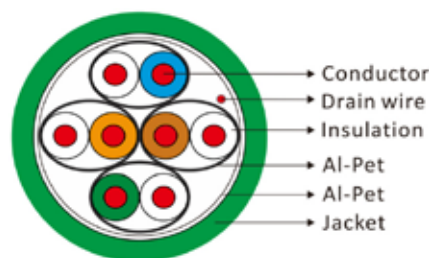
Cable Construction

1.Conductor	Bare Copper
Construction	0.55±0.01
2.Insulation	Skin-Foam PE-Skin
Insulation Dia.(mm)	1.35±0.10×2C Twist
Each Pair is Twisted ,Shielded.	
Insulation color	
Blue, White	Orange,White
Green, White	Brown, White
3.AI-Pet shield(on each pair)	>=115%
4.Drain Wire	Tinned copper
Construction	T0.40±0.008
5.Total AI-Pet shield	>=115%
6.Jacket	LSZH
Average Thickness(mm)	>=0.60
Dia.(mm)	7.6±0.4
Jacket color	Green (RAL 6018)

7.PACKAGING

500M/Wooden Drum - 6770
410M/Wooden Drum - 6771
90M/Cable ring - 6772
100M/Cable ring - 6773

Design



Electrical Characteristics

Performance

Frequency (MHz)	Attenuation (dB/100m) Max.	NEXT (dB) Min.	PSNEXT (dB) Min.	Return Loss (dB) Min.
4	3.8	66.3	63.3	23.0
10	5.9	60.3	57.3	25.0
16	7.5	57.2	54.2	25.0
31.25	10.5	52.9	49.9	23.6
62.5	15.0	48.4	45.4	21.5
100	19.1	45.3	42.3	20.1
250	31.1	39.3	36.3	17.3
500	45.3	34.8	31.8	17.3

Frequency (MHz)	ACR-F (dB/100m) Min.	PSACR-F (dB/100m) Min.	ACR-N (dB/100m) Min.	PSACR-N (dB/100m) Min.
4	56.0	53.0	62.5	59.5
10	48.0	45.0	54.4	51.4
16	43.9	40.9	49.8	46.8
31.25	38.1	35.1	42.4	39.4
62.5	32.1	29.1	33.4	30.4
100	28.0	25.0	26.2	23.2
250	20.0	17.0	8.3	5.3
500	14.0	11.0	-10.4	-13.4

Note 1 : Data above 500 MHz is for reference only.

Max.Conductor DC Resistance at 20°C (Ω/Km)	<85.6
Rated Temperature(°C)	60
Velocity ratio (NVP)	approx.75%
Impedance(Ω)	1-100MHz 100±15 100-250MHz 100±20 250-500MHz 100±25

Note 2 : All delivered cables must pass B2ca-s1a,d1,a1

- sample test according EN 50399, EN 50575 !

Fire Performance: EN 60332-1-2,EN 50399,EN 50575

Smoke Density: EN61034-2

Halogen Free: EN60754-2

Notified Body No.: 0200

